

Amendments to the Claims

Please amend Claims 48 and 50 to read as follows.

Claims 1 through 43. (**Canceled**)

44. (**Previously Presented**) An image forming apparatus, comprising:

an image bearing member on which a latent image corresponding to image information is formed;

developing means for developing the latent image formed on said image bearing member with a developer including a carrier and a toner;

supplying means for supplying the toner to said developing means;

detecting means for detecting a magnetic permeability of the developer;

counting means for counting pixel information corresponding to the image information; and

selecting means for selecting between a first mode in which an amount of the toner supplied from said supplying means to said developing means is controlled on the basis of an output from said detecting means and a second mode in which the amount of the toner supplied from said supplying means to said developing means is controlled on the basis of an output from said counting means,

wherein said selecting means selects between the first mode and the second mode in accordance with a difference value between a value detected by said detecting means before a stop of an image forming operation and a value detected by said detecting

means after a start of an image forming operation after the stop of the image formation operation.

45. (Previously Presented) An image forming apparatus according to Claim 44, wherein when the difference value is equal to or larger than a predetermined value, said selecting means selects the second mode.

46. (Previously Presented) An image forming apparatus according to Claim 45, wherein after said selecting means performs the second mode for a predetermined period of time, said selecting means switches from the second mode to the first mode.

47. (Previously Presented) An image forming apparatus according to Claim 45, wherein after said selecting means performs a predetermined number of image formations in the second mode, said selecting means switches from the second mode to the first mode.

48. (Currently Amended) An image forming apparatus, comprising:
an image bearing member on which a latent image corresponding to image information is formed;
developing means for developing the latent image formed on said image bearing member with a developer including a carrier and a toner;

supplying means for supplying the toner to said developing means;
detecting means for detecting information corresponding to a magnetic
permeability of the developer;
counting means for counting pixel information corresponding to the image
information; and

selecting means for selecting between a first mode in which an amount of
the toner supplied from said supplying means to said developing means is controlled on the
basis of an output from said detecting means and a second mode in which the amount of
the toner supplied from said supplying means to said developing means is controlled on the
basis of the output from said detecting means and an output from said counting means,

wherein said selecting means selects between the first mode and the second
mode in accordance with a difference value between a value detected by said detecting
means before a stop of an image forming operation and a value detected by said detecting
means after a start of an image forming operation after the stop of the image forming
operation.

49. (Previously Presented) An image forming apparatus according to
Claim 48, wherein when the difference value is equal to or larger than a predetermined
value, said selecting means selects the second mode.

50. (Currently Amended) An image forming apparatus according to
Claim 49, further comprising controlling means for calculating, in the second mode, an

amount of the toner to be supplied by using, with a use rate defined by a predetermined coefficient, both of a value relating to a toner supply corresponding to the output from said detecting means and a value relating to a toner supply corresponding to the output from said counting means, and for controlling said supplying means to perform a toner supplying operation for the calculated amount.

51. (Previously Presented) An image forming apparatus according to Claim 50, wherein said controlling means assigns a value corresponding to the output from said detecting means to the predetermined coefficient.

52. (Previously Presented) An image forming apparatus according to Claim 50, wherein said controlling means changes the predetermined coefficient so that a use rate of the value relating to the toner supply corresponding to the output from said detecting means becomes larger in accordance with an increase in a number of image formations.

53. (Previously Presented) An image forming apparatus according to Claim 49, wherein after said controlling means performs the second mode for a predetermined period of time, said controlling means switches from the second mode to the first mode.

54. **(Previously Presented)** An image forming apparatus according to Claim 49, wherein after said controlling means performs a predetermined number of image formations in the second mode, said controlling means switches from the second mode to the first mode.